

Author Index

All authors of papers published in this volume are listed alphabetically. Full titles are included in each first author's entry. Letters in parentheses following the page numbers identify the type of article as follows: RT indicates Retrospective, RA indicates Review Article, ED indicates Editorial, D indicates Discussion/Author's Reply, and B indicates Book Review.

B

Baltes H - (see Brand O) 57(1), B2-B3(B)

Benson DJ, Reviewer — Finite Element Methods with B-Splines. 57(2), B9(B)

Brand O, Baltes H, Krzyzynski T, Reviewer — CMOS Cantilever Sensor Systems: Atomic Force Microscopy and Gas Sensing Applications. 57(1), B2–B3(B)

Brodland G Wayne — Computational modeling of cell sorting, tissue engulfment, and related phenomena: A review. 57(1), 47–76(RA)

Brogliato B, Reviewer — Nonholonomic Mechanics and Control. 57(1), B3(B)

Buckingham AC, Reviewer — Statistical Mechanics of Turbulent Flows. 57(5), B28-B29(B)

C

Casciati FM, Reviewer — Smart Technologies. 57(4), B21(B)
 Chen Jeng-Tzong, Reviewer — (see Kogl M) 57(4), B19(B)
 Clausen WE, Reviewer — Computer Algebra Recipes for Classical Mechanics. 57(1), B2(B)

D

DeSantiago E., Reviewer — Fields, Flows and Waves: An Introduction to Continuum Models. 57(3), B13(B)

E

Erki M-A, Reviewer — Mechanics of Composite Structures. 57(3), B14-B15(B)

F

Fan Tian-You, and Mai Yiu-Wing — Elasticity theory, fracture mechanics, and some relevant thermal properties of quasicrystalline materials. 57(5), 325–343

Farokhi S, Reviewer — Axial-Flow Compressors: A Strategy for Aerodynamic Design and Analysis. 57(4), B22(B)

Felske JD, Reviewer — Nonequilibrium Nondissipative Thermodynamics: With Application to Low-Pressure Diamond Synthesis. 57(3), B16–B17(B)

G

Gama Bazle A, Lopatnikov Sergey L, and Gillespie John W, Jr — Hopkinson bar experimental technique: A critical review. 57(4), 223–250

Gandhi MV, Reviewer — Interaction Control of Robot Manipulators: Six Degrees-of-Freedom Tasks. 57(2), B10(B)

Garimella Suresh V - (see Singhal Vishal) 57(3), 191-221

Gaunaurd GC, Reviewer — Mechanics of Elastic Composites (CRC Series in Modern Mechanics and Mathematics). 57(5), B27(B)

Giannakopoulos A, Reviewer — Wave Processes in Solids With Microstructure (Stability, Vibration and Control of Systems, Series A). 57(5), B26(B)

Gillespie John W, Jr — (see Gama Bazle A) 57(4), 223–250 Griffith P, Reviewer — Two-Phase Flow: Theory and Applications. 57(4), B22–B23(B)

Gyr Albert, and Kinzelbach Wolfgang — Bed forms in turbulent channel flow. 57(1), 77-93(RA)

H

Haslach HW, Jr , Reviewer — Bifurcation Theory: An Introduction With Applications to PBEs (Applied Mathematical Sciences 156 Series). 57(5), B26(B)

Hirsch Charles — (see Oberkampf William L) 57(5), 345-384

Holl Helmut J - (see Irschik Hans) 57(2), 145-160

Hu Yuantai - (see Yang Jiashi) 57(3), 173-189

Huston RL, Reviewer — Fundamentals of Robotics: Linking Perception to Action. Series in Machine Perception and Artificial Intelligence. 57(4), B20–B21(B)

Fundamentals of Robotics: Linking Perception to Action (Series in Machine Perception and Artificial Intelligence). 57(5), B27(B)

I

Ibrahim Raouf A — Nonlinear vibrations of suspended cables—Part III: Random excitation and interaction with fluid flow. 57(6), 515-549

Irschik Hans, and Holl Helmut J — Mechanics of variable-mass systems—Part 1: Balance of mass and linear momentum.
57(2), 145–160

K

Karamanlidis D, Reviewer — An Introductory Guide to Finite Element Analysis. 57(4), B19–B20(B)

Kinzelbach Wolfgang — (see Gyr Albert) 57(1), 77-93(RA)

Kladas AG - (see Mamalis AG) 57(4), 299-324

Kogl M, Wagner M, Chen Jeng-Tzong, Reviewer — Boundary Element Methods for Engineers and Scientists: An Introductory Course With Advanced Topics. 57(4), B19(B) Kolmanovsky I, Reviewer — Optimal Control Systems. 57(1), B3-B4(B)

Koumoutsos AK - (see Mamalis AG) 57(4), 299-324

Krivoshapko SN, Reviewer — Design of Plate and Shell Structures. 57(5), B27(B)

Krueger Ronald — Virtual crack closure technique: History, approach, and applications. 57(2), 109–143

Krzyzynski T, Reviewer — (see Brand O) 57(1), B2-B3(B)

Piechor K, Reviewer — Level Set Methods and Dynamic Implicit Surfaces. 57(3), B15(B)

Platzer MF, Reviewer — Theory and Applications of Viscous Fluid Flows. 57(3), B15–B16(B)

Puri P, Reviewer - Advanced Mechanics of Solids. 57(2), B10-B11(B)

I.

Leissa Arthur - (see Pfeiffer Friedrich) 57(6), 441-442

Li Long-Yuan, Reviewer — Scaled Boundary Finite Element Method. 57(3), B14(B)

Lopatnikov Sergey L -- (see Gama Bazle A) 57(4), 223-250

Lubarda Vlado A — Constitutive theories based on the multiplicative decomposition of deformation gradient: Thermoelasticity, elastoplasticity, and biomechanics. 57(2), 95–108

Luo Albert CJ — Nonlinear dynamics theory of stochastic layers in Hamiltonian systems. 57(3), 161–172

R

Raizer Vladimir — Theory of reliability in structural design. 57(1), 1-21(RA)

Raman Arvind — (see Singhal Vishal) 57(3), 191-221

Rega Giuseppe — Nonlinear vibrations of suspended cables—Part I: Modeling and analysis. 57(6), 443–478

Nonlinear vibrations of suspended cables—Part II: Deterministic phenomena. 57(6), 479-514

Rossikhin YA, Reviewer — Understanding Viscoelasticity: Basics of Rheology. 57(1), B4(B)

Ruschak KJ, Reviewer — Breakup of Liquid Sheets and Jets. 57(4), B23(B)

M

Mai Yiu-Wing - (see Fan Tian-You) 57(5), 325-343

Maier G, Reviewer — Fourier BEM: Generalization of Boundary Element Methods by Fourier Transform. Lecture Notes in Applied Mechanics Volume 5. 57(2), B9–B10(B)

Mamalis AG, Manolakos DE, Kladas AG, and Koumoutsos AK — Electromagnetic forming and powder processing: Trends and developments. 57(4). 299–324

Manolakos DE - (see Mamalis AG) 57(4), 299-324

Meyer C, Reviewer — The Finite Element Analysis of Shells: Fundamentals. 57(3), B13–B14(B)

Miles JW, Reviewer — Waves in the Ocean and Atmosphere: Introduction to Wave Dynamics. 57(4), B20(B)

Moulden TH, Reviewer — Introduction to Symmetry Analysis, 57(1), B4-B5(B)

Müller Ingo - (see Seelecke Stefan) 57(1), 23-46

S

Schiehlen W, Reviewer — Analytical Mechanics. Foundations of Engineering Mechanics Series. 57(1), B1–B2(B)

Seelecke Stefan, and Müller Ingo — Shape memory alloy actuators in smart structures: Modeling and simulation. 57(1), 23-46

Sherif SA, Reviewer — Beyond Perturbation: Introduction to the Homotopy Analysis Method. 57(5), B25–B26(B)

Shitikova MV, Reviewer — Nonclassical Thermoelastic Problems in Nonlinear Dynamics of Shells. Applications of the Bubnov-Galerkin and Finite Difference Numerical Methods. 57(1), B6–B7(B)

Sienz J, Ozakca M, Yoo CH, Reviewer — Analysis and Optimization of Prismatic and Axisymmetric Shell Structures: Theory, Practice, and Software. 57(4), B21–B22(B)

Simmonds JG, Reviewer — Tensor Analysis and Continuum Mechanics. 57(1), B1(B)

Sinclair GB — Stress singularities in classical elasticity–I: Removal, interpretation, and analysis. 57(4), 251–298

Stress singularities in classical elasticity—II: Asymptotic identification. 57(5), 385–439

Singhal Vishal, Garimella Suresh V, and Raman Arvind

 Microscale pumping technologies for microchannel cooling systems. 57(3), 191–221

14

Nicholson DW, Reviewer — Nanoindentation. Mechanical Engineering Series. 57(2), B12(B)

Norton RL, Reviewer - Mechanics of Machines. 57(2), B11(B)

0

Oberkampf William L., Trucano Timothy G, and Hirsch Charles

 Verification, validation, and predictive capability in computational engineering and physics. 57(5), 345–384

Okrouhlik M, Reviewer — An Introduction to Linear and Nonlinear Finite Element Analysis: A Computational Approach. 57(5), B25(B)

Ozakca M — (see Sienz J) 57(4), B21-B22(B)

T

Tajima Toshi, Reviewer — Plasma and Fluid Turbulence: Theory and Modelling. Series in Plasma Physics. 57(1), B5-B6(B)

Trucano Timothy G — (see Oberkampf William L) 57(5), 345-384

1

Vinogradov AM, Reviewer — Statistical Dynamics and Reliability Theory for Mechanical Structures. 57(2), B10(B)

p

Pfeiffer Friedrich, and Leissa Arthur — An Introduction to this Special Issue on Nonlinear Vibrations of Suspended Cables. 57(6), 441–442

W

Wagner M — (see Kogl M) 57(4), B19(B)

Yang Jiashi, and Hu Yuantai — Mechanics of electroelastic bodies under biasing fields. 57(3), 173–189
 Yoo CH, Reviewer — (see Sienz J) 57(4), B21–B22(B)



